



NAVAL UNDERSEA WARFARE CENTER DIVISION KEYPORT

Command Overview

for

Congressman J. Randy Forbes

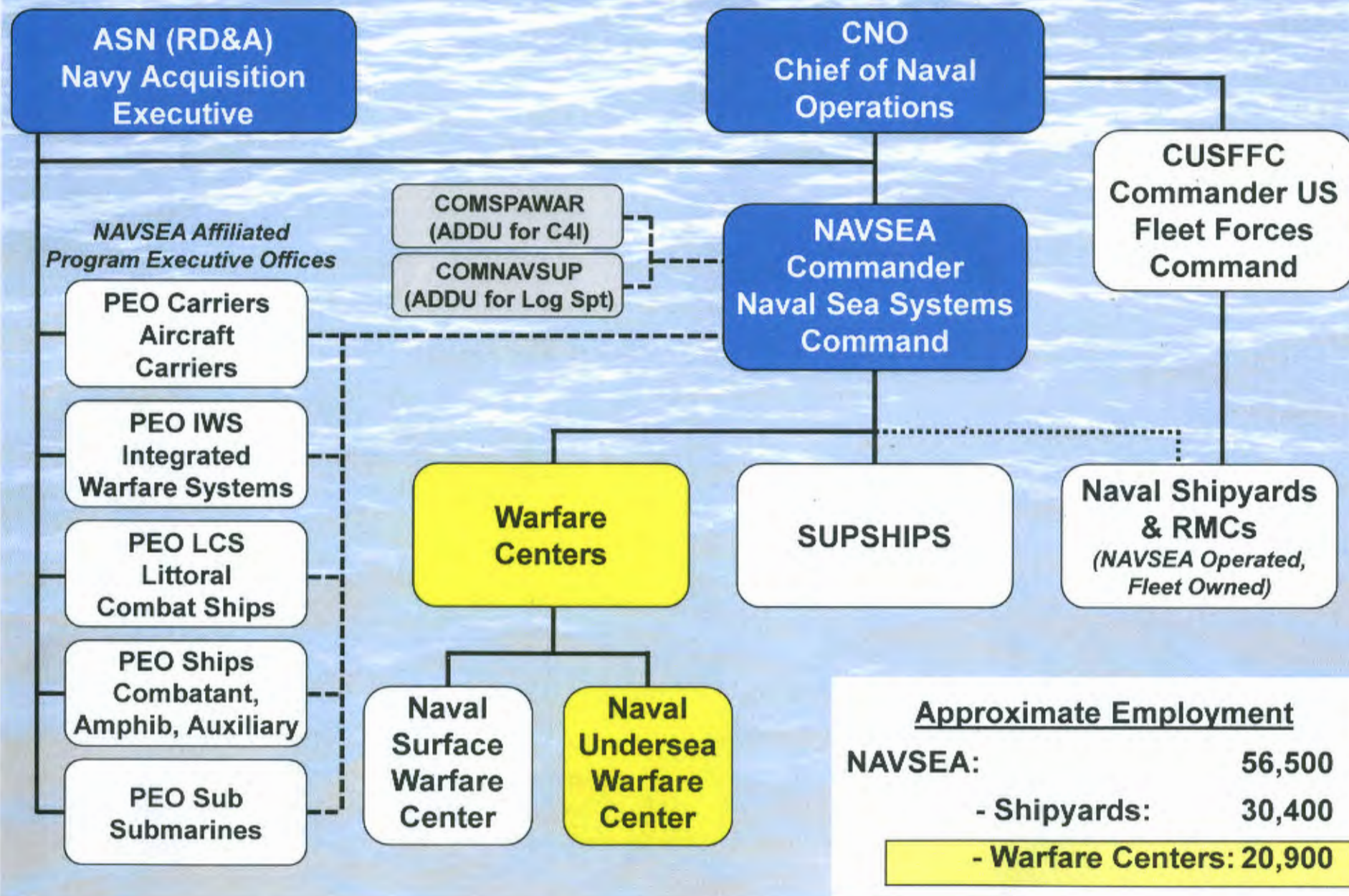
Chairman, HASC Seapower & Projection Forces

September 24, 2013

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Alignment



Support to the CNO and Submarine Forces Priorities

CNO



**Navigation
Plan**

Warfighting First

Ability to fight and win today, while building the ability to win tomorrow

Operate Forward

Ready to respond where it matters, when it matters

Be Ready

Continue to deploy proficient and ready forces

**Submarine
Forces**



**Design for
Undersea
Warfare**

**Ready
Forces**

Provide Undersea Forces Ready for Operations & Warfighting

**Effective
Employment**

Conduct effective undersea operations and warfighting today

**Future
Force Capabilities**

Prepare for future undersea operations and warfighting

Keyport Key Contributing Programs

Equipping, Training, and Material Sustainment

- Torpedoes Production & Inventory Maintenance
- Navy Logistics Policy, Planning & Data Systems
- ASW Range Events & Fleet Firing Assessments
- Navy Training and Qualification Mgmt Systems
- Fleet Synthetic Training
- USW Systems Depot
- Obsolescence Mgmt & Systems Modernization
- Maintenance Technology Development

Support to Deployed Operational Forces

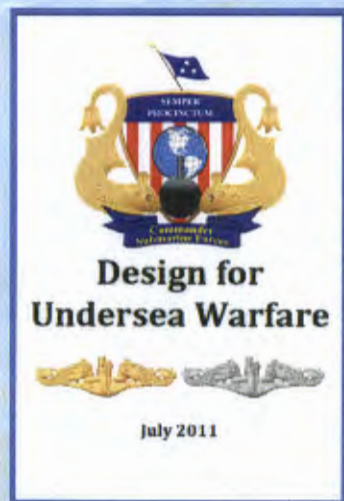
- USW System In-Service Engineering
- Integrated Logistics Support
- Fleet Waterfront Technical Support
- Information Assurance

Development of New War Fighting Capabilities

- UUV T&E and Homeport Capabilities
- Development and Test of Torpedo Defense Sys
- Future HWT Torpedo Technology

Providing Capable and Ready Forces

Support to the Design for Undersea Warfare



Ready Forces

Provide Undersea Forces Ready for Operations & Warfighting

Effective Employment

Conduct Effective Undersea Operations and Warfighting

Future Force Capabilities

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NAVSEA Warfare Centers

Technical Operations - Expertise - Technology - Engineering Services - Products
Equip and Support the Fleet

NUWC Keyport, WA



NSWC Crane, IN



NSWC Carderock, MD



NUWC Newport, RI



NSWC Pt Hueneme, CA



NSWC Corona, CA



NUWC HQ

NSWC Indian Head, MD



NSWC EOD, MD



NSWC Dahlgren, MD



NSWC Panama City, FL



Warfare Centers:

	Naval Undersea	Naval Surface
• Divisions	2	8
• Civilians (FY12 End-strength)	4,708	16,454
• Business Base (FY13 Planned)	\$1,302M	\$7,068M
• Mission Technical Capabilities	33	99

Building on a Proud Heritage



1914

Pacific Coast
Torpedo Station

1914 – 1930

Torpedo Repair
Torpedo Ranging
and Testing
Torpedo School



1930

Naval Torpedo Station

1930 – 1978

Major Center of Torpedo
Production and Testing During
WWII
Torpedoes Used by Submarines,
Aircraft, and Surface Ships
1944 – First Acoustic Testing
Range
1956 – First 3-D Range



1978

Naval Undersea
Warfare Engineering
Station

1978 – 1991

Growth of Test
and Evaluation
Functions
Tracking on
Multiple Ranges
Improved
Recovery
Techniques



1992

Naval Undersea
Warfare Center Division,
Keyport

1992 to Present

Test and Evaluation
Engineering and Fleet
Support
Autonomous
Underwater Systems
Custom Engineered
Solutions

Growing Capabilities to Meet Fleet Needs

Strategic Locations

- Co-located with the Fleet
- Keeping them ready to fight



Waterfront In-Service Engineering

- CSI
- Periscopes
- Imaging Sys
- Electronic Warfare

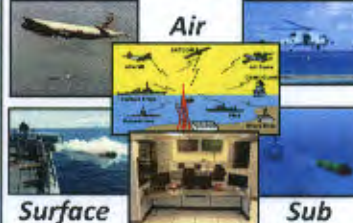


Ships & Ships Systems In-service Testing

- MSF
- SESEF
- FORACS
- CSSQT



Fleet USW/ASW Test, Training, & Eval.



On-site USW Weapons & UUV Maintenance

- Torpedoes
- USW Targets
- UUVs
- USW Mines

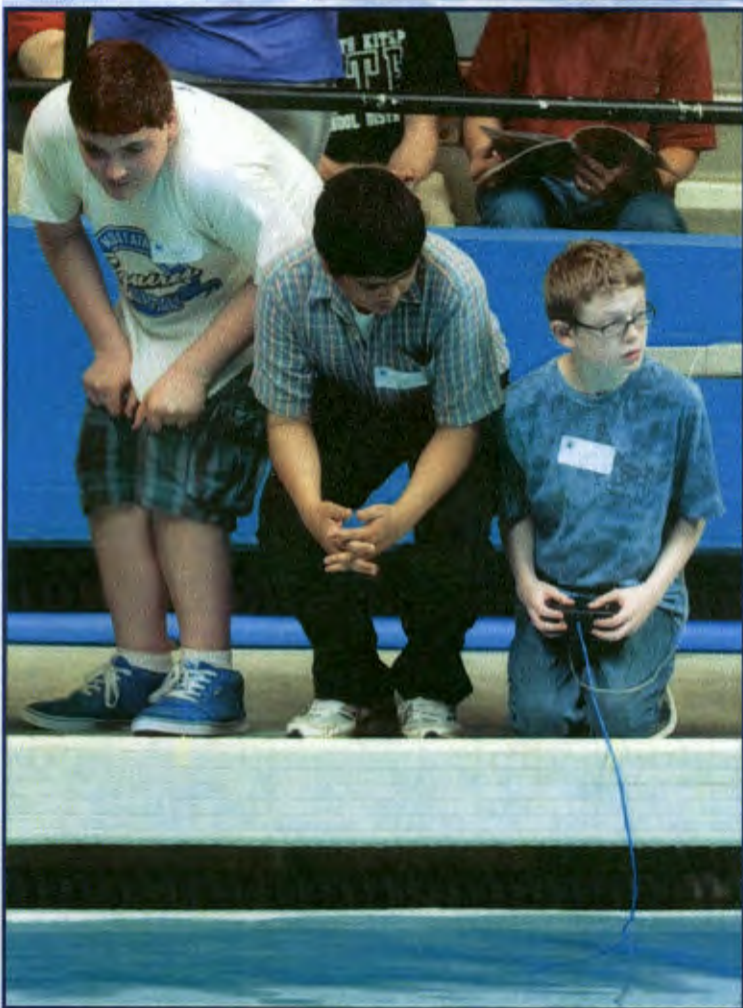


NSLC On-site Integrated Logistics & IT Support

- Outfitting
- Config. Mgmt
- Maint. Planning
- Shipyards IT Maint.
- Supplier Quality Perf.

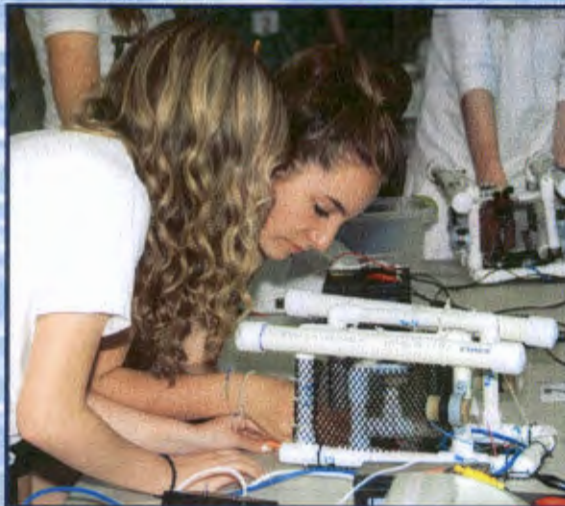


Remotely Operated Vehicle (ROV) Program



SeaPerch Program

Junior high students follow a structured process including instructions to build ROVs



More than 6,000 students have participated since 2005

Program expanded into schools outside of Kitsap and Washington State

In 2012/2013, more than 1,200 local students built, tested and operated ROVs



2009 Personal Excellence Partnership Award Winner

Proudly doing our part to help build an educated workforce



Questions?